

THE 1995 DEUEL CONFERENCE ON LIPIDS

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1 August 1994

George A. Hashim, Ph.D.
Associate Research Director
Council for Tobacco Research - USA, Inc.
900 Third Avenue
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Dear Dr. Hashim:

The 1995 Deuel Conference on Lipids has been set for March 7-10, 1995 in Napa, California.

The program is being organized by Dr. Alan Chait of the University of Washington with the following tentative proposed topics:

1. Lipases and esterases

Mutations in lipoprotein lipase: hormone sensitive lipase in macrophages; platelet activating factor acetyl hydrolase and paraoxonase

2. Oxidative processes in atherosclerosis

Cellular mechanisms of LDL oxidation; antioxidants - structure and function; gene regulation by reactive oxygen species and oxidized lipids

3. Proteoglycan-lipoprotein interactions

Proteoglycans in the extracellular matrix of the artery wall; glycosaminoglycans-lipoprotein lipase interaction; role of cell surface glycosaminoglycans in lipoprotein receptor interactions

4. New animal models for the study of atherosclerosis

Cholesterol ester transfer protein transgenic mice; transgenic rabbits; homologous recombination to achieve cytokine deficiency; use of animal models for arterial wall imaging.

5. Nutrition

Vitamin E and disease states; transfatty acids and atherosclerosis; nutrients in gene regulation; genetics of dietary responsiveness

6. HDL

Rare HDL apolipoproteins; HDL binding proteins; HDL species involved in cholesterol efflux